

CLAIMS

1. A purified polypeptide, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6.

2. A method of immunizing an individual against Human
5 Immunodeficiency Virus (HIV) infection comprising administering to an individual a purified polypeptide, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6.

3. Use of a purified polypeptide as a vaccine, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6.

10 4. Use of a purified polypeptide in preparation of a medicament for immunizing an individual against HIV infection, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6.

5. A method of preparing an immune globulin effective against Human Immunodeficiency virus comprising:

15 vaccinating a plurality of donors with a purified polypeptide, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6.;

isolating plasma from each of said donors after a period of time sufficient to allow production of antibodies against said polypeptide;

20 pooling the plasma; and

preparing an immune globulin from the pooled plasma.

6. A method of determining a course of treatment for an individual infected with human immunodeficiency virus comprising:

25 screening a sample from an individual infected with human immunodeficiency virus for antibodies binding to a purified polypeptide, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6,

wherein presence of antibodies against said polypeptide indicates that a less aggressive treatment is needed.

30 7. A method of treating an individual infected or suspected of being infected by human immunodeficiency virus comprising administering to said individual a therapeutically effective amount of a purified polypeptide, the amino acid sequence of which comprises at least 6 contiguous residues of any one of

SEQ ID No. 1-6.

8. A method of treating an individual infected or suspected of being infected by human immunodeficiency virus, comprising administering to said individual a purified polypeptide, the amino acid sequence of which comprises at least 6 contiguous residues of any one of SEQ ID No. 1-6.